

GILA RIVER BASIN

09487000 BRAWLEY WASH NEAR THREE POINTS, AZ

LOCATION.--Lat 32° 04'32", long 111° 20'17", in SE1/4NE1/4SW1/4 sec. 32, T.15 S., R.10 E., Pima County, Hydrologic Unit 15050302, on right bank downstream side of State Highway 86 bridge, 1.6 mi west of Three Points, and 23 mi west of Tucson.

DRAINAGE AREA.--776 mi².

PERIOD OF RECORD.--Oct. 1966 to Sept. 1981 (crest-stage gage) at site 1,000 ft downstream, May 1992 to current year.

GAUGE.--Water-stage recorder and crest-stage gages. Elevation of gage is 2,540 ft above sea level, from topographic map. Prior to May 19, 1992 gage was located 1,000 ft downstream from current location.

REMARKS.--Records poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge 13,700 ft³/s Sept. 4, 1970, gage height 15.8 ft site and datum then in use; no flow for most of each year.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge, 19,100 ft³/s Oct. 1, 1983, from contracted opening measurement of peak flow, gage height 12.07 ft from floodmarks.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 500 ft³/s and (or) maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)
July 25	2315	*240	*7.67

Minimum daily discharge, no flow for most of year.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	e5.6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	e3.2
7	e3.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	e0.81
8	e0.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	e3.2
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	e1.2
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	e5.6
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	e2.4	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	e4.1	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	e0.65	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	e0.33	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	e18	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	e20	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	e18	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	---	0.00	0.00	---	0.00	---	0.00	---	0.00	0.00	---
TOTAL	10.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	56.33	7.15	14.01
MEAN	0.331	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.817	0.231	0.467
MAX	5.6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20	4.1	5.6
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AC-FT	20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	112	14	28

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 2002, BY WATER YEAR (WY)

MEAN	3.778	0.982	0.973	1.337	0.001	0.002	0.000	0.012	1.526	15.30	21.15	18.76
MAX	26.8	4.83	9.73	10.6	0.011	0.016	0.000	0.12	15.2	110	63.9	87.6
(WY)	2001	1997	1995	1993	2001	1993	1993	2000	1999	1997	1997	1999
MIN	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
(WY)	1993	1993	1993	1994	1994	1993	1993	1994	1993	1993	1994	1993

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR		FOR 2002 WATER YEAR		WATER YEARS 1993 - 2002	
ANNUAL TOTAL	113.77		87.75		5.358	
ANNUAL MEAN	0.312		0.240		18.8	
HIGHEST ANNUAL MEAN					0.028	
LOWEST ANNUAL MEAN					1610	
HIGHEST DAILY MEAN	34	Aug 13	20	Jul 26	Aug 27 1993	
LOWEST DAILY MEAN	0.00	Jan 1	0.00	Oct 1	0.00 Oct 1 1992	
ANNUAL SEVEN-DAY MINIMUM	0.00	Jan 1	0.00	Oct 9	0.00 Oct 1 1992	
ANNUAL RUNOFF (AC-FT)	226		174		3880	
10 PERCENT EXCEEDS	0.00		0.00		0.00	
50 PERCENT EXCEEDS	0.00		0.00		0.00	
90 PERCENT EXCEEDS	0.00		0.00		0.00	

e Estimated